

Title (en)

MIXTURE FOR TREATING FERTILIZERS

Title (de)

MISCHUNG ZUR BEHANDLUNG VON DÜNGEMITTELN

Title (fr)

MÉLANGE POUR LE TRAITEMENT D'ENGRAIS

Publication

EP 2580174 A1 20130417 (DE)

Application

EP 11723005 A 20110527

Priority

- DE 102010022943 A 20100608
- EP 2011002636 W 20110527

Abstract (en)

[origin: CA2802076A1] The invention relates to an aqueous solution of a mixture for treating urea-based fertilizers containing ammonium, said mixture containing 1,2,4-triazole and 3-methylpyrazole in a weight ratio of 2/1 and at least one polyvinyl alcohol, polyvinylpyrrolidone, and a surfactant.

IPC 8 full level

A01N 43/56 (2006.01); **A01N 43/653** (2006.01); **C05G 3/08** (2006.01); **C05G 3/90** (2020.01)

CPC (source: EP US)

C05G 3/90 (2020.02 - EP US); **Y02P 60/21** (2015.11 - EP US)

Citation (search report)

See references of WO 2011154100A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010022943 A1 20111208; BR 112012031471 A2 20161101; CA 2802076 A1 20111215; CA 2802076 C 20161011;
CL 2012003467 A1 20131129; CO 6670552 A2 20130515; EP 2580174 A1 20130417; EP 2580174 B1 20160113; ES 2567827 T3 20160426;
MX 2012014328 A 20130509; MX 340588 B 20160715; PL 2580174 T3 20160729; US 2013160507 A1 20130627; US 8986419 B2 20150324;
WO 2011154100 A1 20111215; ZA 201209270 B 20130731

DOCDB simple family (application)

DE 102010022943 A 20100608; BR 112012031471 A 20110527; CA 2802076 A 20110527; CL 2012003467 A 20121207;
CO 13002540 A 20130108; EP 11723005 A 20110527; EP 2011002636 W 20110527; ES 11723005 T 20110527; MX 2012014328 A 20110527;
PL 11723005 T 20110527; US 201113702725 A 20110527; ZA 201209270 A 20121207